

December 7, 1914 NUMBER 5000 H

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# Department of Defense Directive

SUBJECT Data Elements and Data Codes Standardization Frogram

#### I. PURPOSE

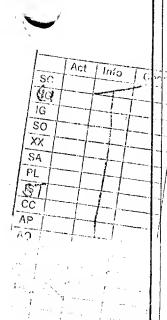
This Directive establishes the Department of Defense Data Elements and Data Codes Standardization Program, and specifies related objectives, policies, and responsibilities.

## II. APPLICABILITY AND SCOPE

- A. The provisions of this Directive (1) apply to at DoD Components concerned with development, use, and maintenance of data systems; and (2) govern identification, description, establishment, and use of standard data elements and data codes, including these used in data systems supporting such functions as comman and control, logistics, intelligence, personnel, and financial management.
- B. The provisions of this Directive shall not abride the authority and responsibility of the Assistant Secretaries, Director of Defense Research and Engineering, and the Chairman, Joint Chiefs of Baff to design and develop data systems to obtain in Protection and reports necessary for their use, subject to the coordination and standardization by the Assistant Secretary of Defense (Comptroller) of all data a smarts and codes involved.
- C. Data elements and data codes which are required the unique for use in cryptologic activities are existed from the provisions of this Directive.

## III. OBJECTIVE

The objective of this Program is to facilitate data from change and compatibility among the data systems of the Department of Defense by providing, through central and guidance, control and direction, for the optimal standard ization of data elements and codes and for their utilization.



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## DEFINITIONS

The automatic data processing terms within this Directive are used in accordance with definitions provided by the Bureau of the Budget "Automatic Data Processing Glossary," December 1962. The following definitions, which either do not appear in the Glossary, or which have a special application, are provided for purposes of this Directive.

- A. Data Element a basic unit of information having a unique meaning and which has sub-categories (data items) of distinct units or values. Examples of data elements are military personnel grade, sex, race, geographic location, and military unit.
- B. Data Item a sub-unit of descriptive information or value classified under a data element. For example, the data element 'military personnel grade," contains data items such as sergeant, captain, and colonel.
- C. Data Code a number, letter, character, or any combination thereof used to represent a data element or data item. For example, the data codes "E8", "03" and "06" might be used to represent the data items of sergeant, captain, and colonel under the data element "military personnel grade."
- Data System combinations of personnel efforts, forms, formats, instructions, procedures, data elements and related data codes, communications facilities, and automatic data processing equipment, which provide an organized and inter-connected means, either automated, manual, or a mixture of these for recording, collecting, processing and communicating data.

#### V. POLICIES

- A. Data elements will be identified, defined, classified and coded in a uniform manner and those that can be applied to more than one data system will be published as standard data elements and utilized to the greatest practicable extent.
- B. Responsibility for the standardization of data elements and related codes will be assigned to the various DoD Components to the extent practicable and will be based on their (1) recommendations and presently assigned areas and scope of responsibility, (2) demonstrated achievements with respect to defining and coding data elements, and (3) capability and resources to assume this responsibility.
- C. Data elements may be developed, defined, coded and applied to an interim basis when standard data elements do not exist of do not meet data system requirements. Interim data elements will be cataloged and referred to the Assistant Secretary of

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Defense (Comptroller) for determination as  $t \ni th$ : racceptability as standard data elements.

- D. Problems resulting from the application of preser ted procedures and criteria for defining and coding white elements will be referred to the ASD(Comp) for resolution. Such problems may be resolved on an interim basis and referral delayed, if necessary, to meet exigent mission requirements.
- E. Existing data elements and data codes and those developed by industry and other Government agencies will be adopted where feasible.
- F. Instructions will be issued concerning time phase plans for the incorporation of standard date elements and related codes into existing data systems.

#### VI. RESPONSIBILITIES

- A. The Assistant Secretary of Defense (Comptroller) shall:
  - 1. Direct and control the Defense Data Elements and Data Codes Standardization Program and Monito its application by DoD Components.
  - 2. Prescribe policies, procedures, criteria, rules and terms for identifying, defining, classifying, coding, categorizing, applying, publishing at I maintaining data elements and related features for use in data systems throughout the Department of Defense.
  - 3. Establish and maintain a centralized master rile of all standard data elements, related codes are other relevant features.
  - 4. Coordinate with the principal staff assistants to the Secretary of Defense and enjoin their particle pation in this Program to the extent that it relates to their data systems design responsibilities.
  - 5. Take timely action to resolve problems encountered by DoD Components in applying procedures and criteria for defining and coding data elements.
  - 6. Review and approve data elements and related codes for publication as standard.
  - 7. Establish controls to assure that appropriat and timely action is taken to implement standard data elements and related codes.

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- B. The Assistant Secretary of Defense (Comptroller) shall have the following additional responsibilities which he may delegate to DoD Components:
  - 1. Identify, develop, define, classify, code, publish and maintain standard data elements and related codes.
  - Represent the Department of Defense with other Government agencies and industry on matters pertaining to the development and adoption of standard data elements and data codes.
  - 3. Initiate, perform, or supervise the performance of, research and development efforts concerned with the concepts and application of data elements.

## C. Each DoD Component shall:

- 1. Use DoD standard data elements and data codes to the maximum extent possible in meeting their data systems requirements.
- 2. Submit as directed comments on proposed standard data elements and codes referred to them for review.
- 3. Consult with the ASD(Comp) concerning internal data elements and codes standardization efforts, to assure that the results of these efforts will have the widest possible application throughout DoD.
- 4. Designate an office to act as the single point of controt, and to represent its interest to the ASD(Comp) on all matters concerning data elements and related codes. (DoD Components that do not have, or do not plan to have data systems may be exempted from this requirement with the approval of the ASD(Comp).)

# VII. PROGRAM PLAN

Program implementation will be accomplished in increments as follows (except that the necessity for overlapping increments is recognized)

- 1. Prescribe policies, procedures, rules, and terms as required by paragraph VI. A. 2.
- 2. Establish priorities for the compilation, evaluation, and establishment of standard data elements and data codes.
- 3. Provide for the orderly implementation of standard data elements and codes into existing and planned data systems.
- 4. Review and maintain standard data elements and data codes, as appropriate.

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#### VIII. EFFECTIVE DATE AND IMPLEMENTATION

- A. This Directive is effective immediately.
- B. DoD Components shall revise existing directives, instructions, and other issuances to bring them into conformity with the provisions of this Directive, and forward two (2) copies of each proposed implementing document to the Assistant Secretary of Defense (Comptroller) for approval within ninety (90) days.

Deputy Secretary of Defense